

INTERNATIONAL SEARCH REPORT

International application No.
PCT/AU2004/001490

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. 7: A61M 1/12, C08J 7/18

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
DWPI, esp@cenet IPC: A61M 1/10, A61M 1/12, F04D 1/-, F04D 5/-, F04D 7/-, F04D 11/-, C23C 14/-, C08J 7/-, C08F 2/46, C08F 2/52 & keywords: BLOOD PUMP, VAD, ROTOR, ROTARY, IMPELLER, POLYMER, BIOCOMPATIBLE, COMPOSITE, MAGNET, similar terms

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	US 5503615 A (GOLDSTEIN) 2 April 1996, See whole document	1-3, 6-7 5
X Y	US 5078741 A (BRAMM ET AL) 7 January 1992 See whole document, especially column 3 lines 27-35 and column 9 lines 1-4	1-3, 6-7 5
X Y	US 4944748 A (BRAMM ET AL) 31 July 1990 See whole document, especially column 3 lines 23-26 and column 7 line 67 - column 8 line 2.	1-3, 6-7 5
X Y	US 6120537 A (WAMPLER) 19 September 2000 See whole document, especially column 5 lines 5-12, column 7 lines 6-12	1-3, 6-8 5

☒ Further documents are listed in the continuation of Box C ☒ See patent family annex

* "A"	Special categories of cited documents: document defining the general state of the art which is not considered to be of particular relevance	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E"	earlier application or patent but published on or after the international filing date	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O"	document referring to an oral disclosure, use, exhibition or other means	"&"	document member of the same patent family
"P"	document published prior to the international filing date but later than the priority date claimed		

Date of the actual completion of the international search
29 November 2004

Date of mailing of the international search report
- 3 DEC 2004

Name and mailing address of the ISA/AU

AUSTRALIAN PATENT OFFICE
PO BOX 200, WODEN ACT 2606, AUSTRALIA
E-mail address: pct@ipaustalia.gov.au
Facsimile No. (02) 6285 3929

Authorized officer

BAYER MITROVIC
Telephone No : (02) 6283 2164

INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2004/001490

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	EP 1285671 A2 (SUN MEDICAL TECHNOLOGY RESEARCH CORPORATION) 26 February 2003 See whole document	1-3, 6-7 5
X Y	WO 1999/001663 A1 (ADVANCED BIONICS INC.) 14 January 1999 See whole document	1-3, 6-8 5
Y	Patent Abstracts of Japan JP07204263 A (SHIMADA A) 8 August 1995 See abstract	5

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2004/001490

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member					
US	5503615						
US	5078741	US	4944748	US	5326344	US	5385581
US	6120537						
EP	1285671	JP	2003052810	US	2003068227		
WO	9901663	AU	27299/97	AU	82643/98	CA	2271833
		CA	2295932	EP	1003970	EP	1012477
		US	5685700	US	5924848	US	5938412
		US	6206659	WO	9846879		
JP	7204263						
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.							
END OF ANNEX							